

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-20. (Cancelled)

21. (New) A sender for transmitting a content file to a receiver, said sender comprising:

means for dividing the content file into a first part and a second part;
means for sending the first part to the receiver via at least one cache server;
means for encrypting the second part without using the at least one cache server; and
means for sending the encrypted second part to the receiver.

22. (New) The sender of claim 21, further comprising means for sending the encrypted second part via a different network than the first part.

23. (New) The sender of claim 21, wherein said encrypted second part comprises vital data of said content file.

24. (New) The sender of claim 21, wherein the first part comprises video data and the encrypted second part comprises audio data, or the first part comprises audio data and the encrypted second part comprises video data.

25. (New) The sender of claim 21, wherein said sender is arranged to transmit said content file using a streaming protocol.

26. (New) The sender of claim 21, wherein encrypted data in the encrypted second part comprises predetermined frequency components of the content file.

27. (New) A telecommunication system comprising:

a sender, wherein the sender comprises:

means for dividing a content file into a first part and a second part;

means for sending the first part to the receiver via the at least one cache server;

means for encrypting the second part without using the at least one cache server; and

means for sending the encrypted second part to the receiver;

at least one communication network; and

at least one cache server.

28. (New) The telecommunication system of claim 27, further comprising at least one receiver arranged for communicating with said sender via the at least one cache server and for communicating with said sender without using a cache server.

29. (New) The telecommunication system of claim 28, wherein said at least one cache server is arranged for communicating with more than one sender, said more than one sender using the same or different encryption.

30. (New) The telecommunication system of claim 28, wherein said at least one cache server is arranged for communicating with more than one sender, said more than one sender using watermark techniques.

31. (New) A method of transmitting a content file from a sender to a receiver wherein said method comprises the following operations:

dividing the content file into a first part and a second part;

sending the first part to the receiver via at least one cache server;

encrypting the second part without using the at least one cache server; and

sending the encrypted second part to the receiver.

32. (New) The method of claim 31, further comprising sending the encrypted second part via a different network than the first part.

33. (New) The method of claim 31, wherein said encrypted second part comprises vital data of said content file.

34. (New) The method of claim 21, wherein the first part comprises video data and the encrypted second part comprises audio data, or the first part comprises audio data and the encrypted second part comprises video data.

35. (New) The method of claim 21, further comprising sending said content file using a streaming protocol.

36. (New) The sender of claim 21, wherein encrypted data in the encrypted second part comprises predetermined frequency components of the content file.

37. (New) A computer program product in a computer usable medium, for transmitting a content file from a sender to a receiver wherein said computer program product comprises:

- instructions for dividing the content file into a first part and a second part;
- instructions for sending the first part to the receiver via at least one cache server;
- instructions for encrypting the second part without using the at least one cache server; and
- instructions for sending the encrypted second part to the receiver.